Message

From: Reddy - CDPHE, Patrick [patrick.reddy@state.co.us]
Sent: 6/9/2014 1:35:07 PM
To: Irina Petropavlovskikh [irina.petro@noaa.gov]
CC: Christoph Senff [Christoph.Senff@noaa.gov]; Andrew Langford-NOAA Federal [andrew.o.langford@noaa.gov]; Tonnesen, Gail [Tonnesen.Gail@epa.gov]; Brad Pierce [brad.pierce@noaa.gov]; Pierce', 'GORDON [Gordon.Pierce@state.co.us]; Scott Landes - CDPHE [scott.landes@state.co.us]; pfister@ucar.edu; ANNE MEE THOMPSON [amt16@psu.edu]; Payton, Richard [Payton.Richard@epa.gov]; Russell.C.Schnell@noaa.gov; gregory.harshfield@state.co.us
Subject: Re: Minor/Moderate stratospheric intrusion of O3 along Front Range Monday

It looks like it would not be worthwhile launching an ozonesonde for this event. Brad's products do not show much influence in the lower troposphere, the latest IPV 3d plots from the 6Z NAM12 are not supportive of a significant intrusion, and the flow aloft is parallel to the Divide, so there would not be much lee-wave enhancement of the folding. We will keep track of it today, but, again, it does not seem to make sense to send up an ozonesonde for this.

Pat

On Mon, Jun 9, 2014 at 7:06 AM, Irina Petropavlovskikh <irina.petro@noaa.gov> wrote:

> Is forecast of today supports stratospheric ozone intrusion in Colorado
> Irina
>
> On June 8, 2014 2:58:54 PM MDT, "Reddy - CDPHE, Patrick" <patrick.reddy@state.co.us> wrote:
>
> > At this point, I don't expect any concentrations above the standard, but high-moderate (8-hour values above 70 ppb) are possible in the mountains, along the foothills, and in the suburbs along the hills in the wake of a cold front. This may be worthy of TOPAZ or ozonesonde sampling. It should occur after 8 or 9 AM. Scott Landes may be able to provide an update before then.
> >
> > Pat
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> >
> > Patrick J. Reddy
> >
> > Senior Air Quality Meteorologist
> >
> > Modeling, Meteorology, and Emissions Inventory Unit
> >
> > Technical Services Program
> >
> > Air Pollution Control Division
> >
> > Colorado Department of Public Health and Environment
> >
> > APCD-TS-B1
> >
> > 4300 Cherry Creek Drive South
> >
> > Denver, CO 80246-1530

303-692-3239| patrick.reddy@state.co.us




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Sent from my Android device with K-9 Mail. Please excuse my brevity.

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Patrick J. Reddy

Senior Air Quality Meteorologist

Modeling, Meteorology, and Emissions Inventory Unit

Technical Services Program

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